

2014 LG WASHING MACHINE

Upgrade Your Smart Life



2014 LG WASHING MACHINE

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Top Loader

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INVERTER
Direct Drive

DD MOTOR
10
YEAR
WARRANTY
ON DIRECT DRIVE MOTOR

• • • " Upgrade Your Smart Life "



FRONT LOADER WASHING MACHINE

"The Ultimate SmartWasher"

FRONT LOADER WASHING MACHINE



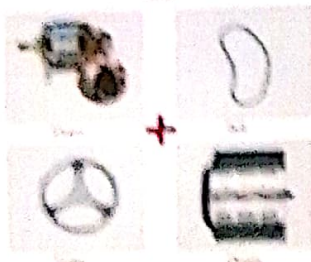
INVERTER DIRECT DRIVE MOTOR

By eliminating the belt and pulley found in most front loader washing machines, LG's Direct Drive System is made of the motor's stator and rotor assembly. This gives LG's Direct Drive increased durability with no transmission to cause vibration or noise. The result is a more efficient way to get all your laundry done.



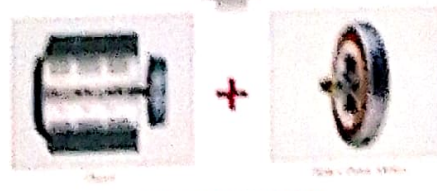
INVERTER
Direct Drive

Comparison Between LG Inverter Direct Drive Motor and Conventional Motor



Conventional Motor

- High-speed motor and vibration
- Motor out of work and for replacement



LG Inverter Direct Drive Motor

- Motor directly attached to the center of drum
- Increased stability, no noise vibration
- Low motor speed for better wash
- Increased energy with less direct power with direct coupling to the drum of energy

Less Noise

Conventional universal motor creates unpleasant noise and vibration due to the belt and pulley. By eliminating the belt and pulley, LG Inverter Direct Drive Motor allows your washing machine to operate in low decibel, giving you and your family a peaceful time at home.

Universal Motor similar level to factory



Conventional Motor

LG Inverter Direct Drive Motor similar level to library



LG Inverter Direct Drive Motor

Less Vibration

With 3 durable steel dampers, LG Inverter Direct Drive front loader washing machines will give you a peace of mind

2 weak & non stable plastic dampers



Conventional Motor

3 durable STEEL dampers



LG Inverter Direct Drive Motor

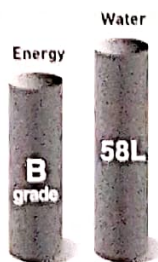
Fabric Care

Optimized courses for every type of fabrics. Less wrinkle and less damage with 6 Motion

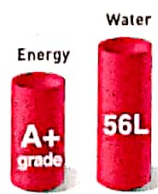


Energy Saving

Sensor detects the loading capacity and calculates the exact RPM and braking time for each operation. The accuracy can ensure optimum washing performance. This saves water and energy as well as time.



Conventional Motor



LG Inverter Direct Drive Motor

can save 104kwh a year (104kwh = Electric Lamp 3467hr)
can save 3120-4160L of water a year
can save 2600-5720 min of time a year

Save your environment & money with energy savings.



Energy Saving



Water Saving

Conventional 0.25 (kwh/kg)
Inverter Direct Drive 0.19 (kwh/kg)

[Tested by LG internal Lab]

Conventional 30 (l/kg)
Inverter Direct Drive 16 (l/kg)

Enhanced Performance

Improve washing performance



[Tested by LG internal Lab]

Washing Performance

Conventional 65%
Inverter Direct Drive 20%

FRONT LOADER WASHING MACHINE



6
MOTION DD

Optimal Washing Performance with 6 Different Motions

MORE MOTION, BETTER CARE



Stepping

Releasing clothes at the peak of the rotation cycle, this motion loosens laundry and helps reduce tangle.



Tumbling

Regular tumbling for your everyday washing needs.



Scrubbing

The drum quickly alternates to create a scrubbing motion. This helps to dissolve detergents and removes stubborn stains.



Filtration

Force from the fast rotation distributes the water evenly onto laundry for a full and even saturation.



Rolling

Clothes are rolled gently under water for a delicate wash.



Swing

The drum gently swings clothes from one direction to the other. Ideal for those delicate items.

Let's Wash Right from Fabrics - It's Good for Your Current & Next

6 MOTION



Just Like Hand Wash

When doing laundry, you might have experienced to see the inner drum always tumbling with random motion through the fabric type is different. But you think that washing machine should adopt different movement for each fabric type instead of one single tumble motion for different fabric? 6 Motion technology has brought a new way for laundry, similar to hand wash. The Direct Drive Motor precisely controls the motion of the drum allowing for up to 6 motions in which the washer combines different combinations of wash motions to achieve cycle to produce perfect clean. It's suitable for all fabric types and cares for your delicate clothes.

6 Motion suits on any fabric type

Baby Care

Removes silt and protein stain and provide better clean performance



Sports Wear

Suitable for sports wear such as jogging clothes and running wear (t-shirt, long sleeve, fleece and sportswear)



Cotton

Removes stains with effective detergent dissolving (boxed fabric cover, T-shirts)



FRONT LOADER WASHING MACHINE



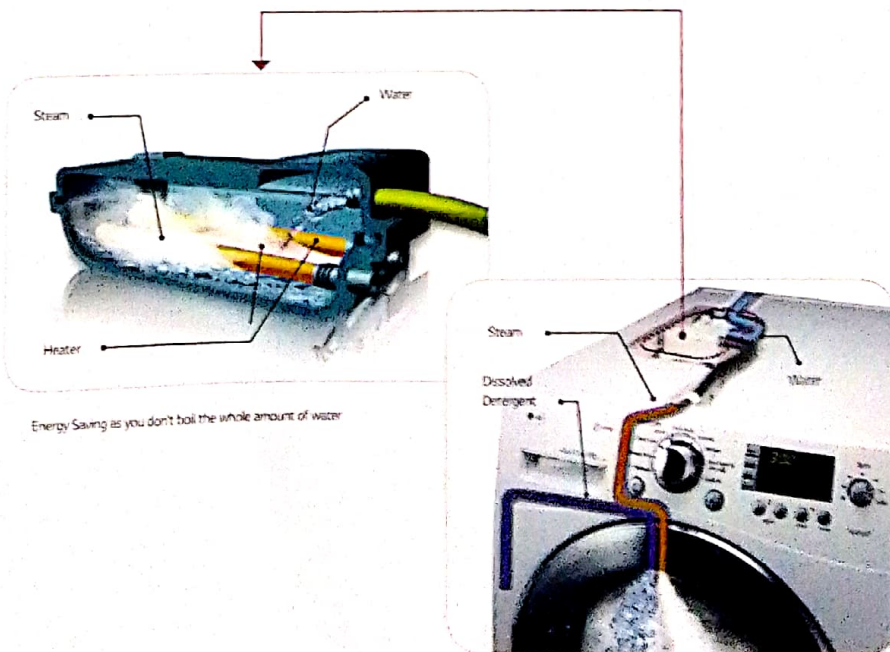
Help to Reduce Wrinkles Making Ironing Easier

BETTER WASHING PERFORMANCE WITH POWERFUL STEAM



• STEAM GENERATOR

LG Steam Generator, which converts normal water to steam, takes washing technology one step forward. You can now enjoy your time with the Steam Direct Drive without being concerned about the high-energy cost. The water is heated directly within the heater, which generates the steam. It uses less water and energy to create steam than it does to boil the whole water at the bottom of the drum.



TRUE STEAM™



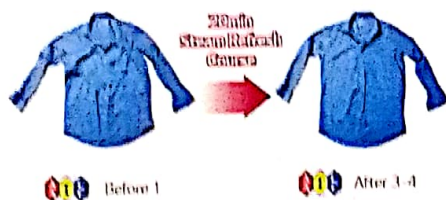
True Steam™ is the most special technology which makes your life easier. Clothes can be refreshed in 20 minutes, wrinkles reduced without ironing, and odors reduced without chemical materials. You can spend more time with your family and less time with your laundry. Also, you get to save money while reducing your carbon footprint. Welcome to the new world of steam.

• STEAM REFRESH

No time to wash your shirt, but you have an important meeting? Simply pop it into the washing machine and activate the Steam Refresh Course, which reduce wrinkles and odours and makes your shirt fresh no fuss.

Evaluation by AATCC Standard

- Clothes : Dress shirts 3-5ea
- Fabric : Cotton 75% + Polyester 25%



Sterilization

The steam removes bacteria such as Staphylococcus and Clostridium, which can cause diarrhea or food poisoning.

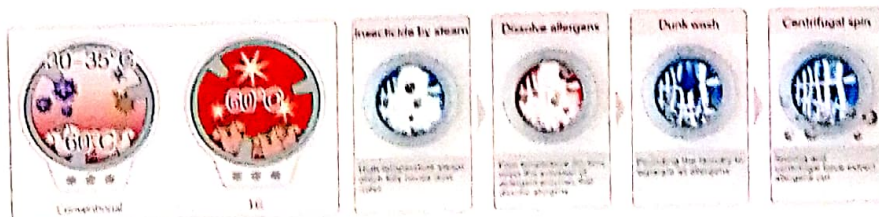
AATCC Evaluation Table

Evaluation	
1. All the wrinkles remain	
2. Most wrinkles remain	
3. Small wrinkles remain	
4. Few wrinkles remain	
5. Only a few wrinkles remain	
6. No wrinkles remain	

Steam Sterilization %	
Staphylococcus	99.9%
Clostridium	99.9%
Bacillus	99.9%
Allergy	99.9%

• ALLERGY CARE

With its unique optimum steam temperature and rinsing functions, the Steam Washer effectively removes allergens in clothes and beddings, such as house dust mites, animal hair, dandruffs, and pollens.



Certificate for Allergy Care

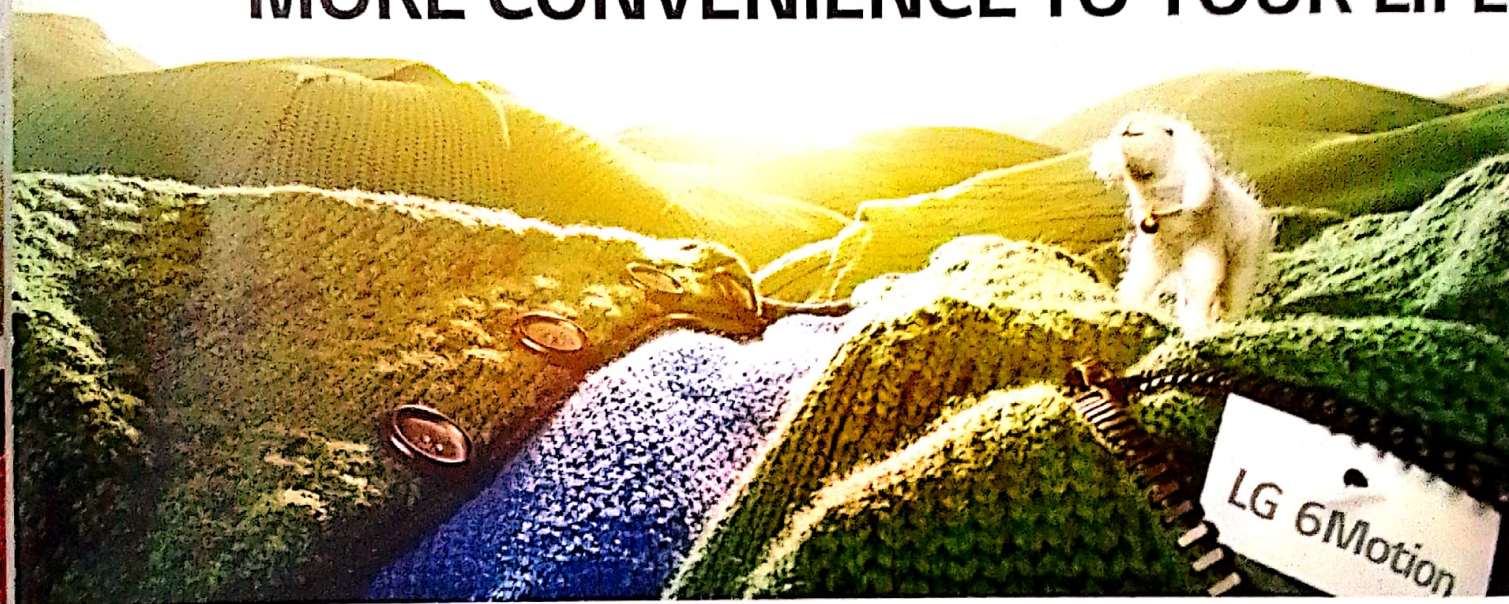
The LG Allergy Care series are approved by the British Allergy Foundation (BAF). This means that the LG Steam washer has been tested with BAF standards and has been proven to specifically remove high levels of allergens.



FRONT LOADER WASHING MACHINE

Have more free time with advanced technologies

MORE CONVENIENCE TO YOUR LIFE

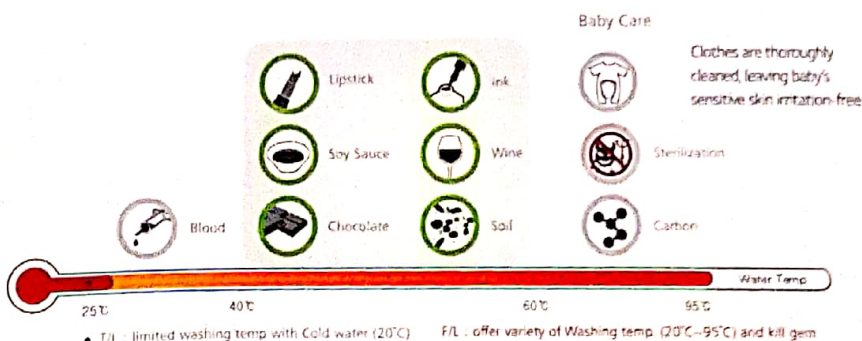


BIO CARE



Bio Care

Is special program with water at 60°C. It allows to clean stains as milk, wine, etc.



WATER CIRCULATION SYSTEM

A pump under the drum pulls up the filtered water at the bottom of the drum. This water is repeatedly circulated and sprayed from the top of the drum during the washing and rinsing process. The Shower Spray improves washing performance by dissolving detergent evenly.

It reduces water and energy consumption to heat up the water, hence lowering water and electricity bills.

SMART DIAGNOSIS™

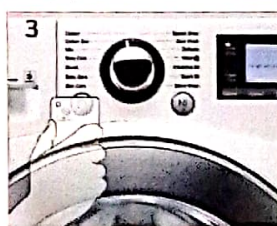
Smart Diagnosis™ helps to find exact problems, minimizing SVC costs and inconvenient SVC calls.



1 Download the LG App "LG Smart Diagnosis" from Android Play Store onto your smart phone



2 Turn on the washing machine and press 'Temp' button for 3 seconds.



3 Put the phone (microphone) close to the Smart Diagnosis icon and await instructions

TUB CLEAN

Tub Clean function can be used to remove fungus and other toxic substances that may grow inside the tub. It uses hot steam with high spin speed to clean every corner of the tub and provides perfect sterilization.

IMPROVED DRUM SURFACE

All the drum surface of our washing machine contains little dents. It adds contact surface to the drum, improving the washing performance.



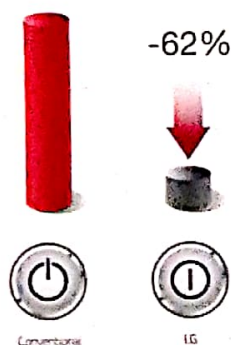
Conventional



LG

STANDBY POWER ZERO

In off mode, the washing machine is completely disconnected from electricity and you can save energy.





WD-1755RDS



FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- TrueSteam™
- Embossing Drum
- Child Lock
- Water Circulation System
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *



DIMENSIONS (W x D x H)
686 x 757 x 982 mm

COLOR
Stainless VCM



WD-14080RDS



FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- TrueSteam™
- Child Lock
- Wash, LED Drying
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *



DIMENSIONS (W x D x H)
660 x 640 x 850 mm

COLOR
Blue White



WD-1280QDP



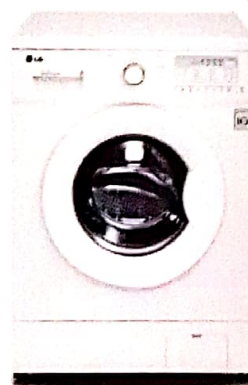
FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *



DIMENSIONS (W x D x H)
600 x 550 x 850 mm

COLOR
Blue White



WD-1270QDP



FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *



DIMENSIONS (W x D x H)
600 x 550 x 850 mm

COLOR
Blue White



F10B5NDL2



FEATURE

- Inverter Direct Drive Motor
- 6Motion Technology
- 10 Years Warranty on Direct Drive Motor
- Embossing Drum
- Child Lock
- Standby Power Zero
- Smart Diagnosis™
- Delay Start (Reservation) * 3-19 Hours *
- 12 Washing Programs



DIMENSIONS (W x D x H)
600 x 440 x 850 mm

COLOR
Blue White

WASHING COURSE GUIDE



Refresh *TrueSteam™ Only

Cotton mixed, Polyester mixed Dress shirts, blouses



Allergy Care *TrueSteam™ Only

Cotton, underwear, pillow covers, bed sheets, baby wear



Cotton

Color fast garments (shirts, nightdresses, pajamas...) and lightly soiled white cotton (underwear)



Cotton Eco

This course was designed to minimize the energy use while using course applying 60 °C water temperature



Mix

Various drum motions are used to maximize the washing performance even when different fabrics are mixed together while minimizing any damage to the clothes



Easy Care

Laundry is washed below the water level preventing clothes damage and wrinkles. In addition, after spinning laundry is separated from the inner drum preventing wrinkles after spin drying



Duvet (Bulky)

For big size laundries that are hard to wash with small load washers. Such as blankets and bed cover



Sports Wear

The delicate Swing motion with low temperature water provides a better solution for sportswear with Gore-Tex or Coolmax



Dark Wash

The course is designed to minimize de-colorization by combining the delicate swing motion with low temperature and short cycle time



Delicate

For clothes that need extra care. This course is designed to minimize any damage that can happen to your laundry



Hand Wash / Wool

Woolier clothes and those which are too delicate for machine wash



Intensive 60

At half load this course will finish a full wash cycle within 60 minutes while achieving A class washing performance. This means that you don't have to sacrifice washing performance to save time



Quick 30

For lightly soiled laundry under 2kg



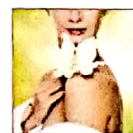
Silent Wash

Any uncomfortable noise is reduced while maintaining the washing performance through the rubbing effect under the water



Baby Care

Water temperature is kept at 40 °C for 15 minutes and then increased to 60 °C for washing. And the medic rinse function is added to the default rinse



Skin Care

The course applies various washing motions to better dissolve detergent that can be left after washing



Cotton Quick

Mainly by limiting the maximum temperature 20 minutes is reduced from the normal washing time. Total time will be about 100 minutes



Synthetic

Synthetic clothes do not wrinkle easily but once wrinkled it is difficult to smooth out. And they are weak to heat. Considering such traits maximum temperature and RPM is limited



Boiling Care

A bleach or boiling course. Wash temperature is fixed to 95°C by default



Bio Care

Bio care is to eliminate protein stains (milk, blood, chocolates and etc)



Spin

Right after turning on the washer choose the desired RPM and push the Start/Pause button. Only spinning the laundry



Bed Cover (Blanket)

Heavy fabrics like bed covers and curtains



Rinse+Spin

Clothes that are washed outside which need only rinsing and spin

AWARDS

LG washing machines are widely acclaimed for it's cutting edge technology & smart design, gaining world wide recognition in performance ratings among front loading category specially in Germany, USA, Italy & France. LG front loading washing machines have been rated as No. 1 in USA for 5 consecutive years, which speaks highly of LG's commitment for creating world class consumer appliances.



World's best "Eco friendly machines"



VDE
VDE Verification - Excellency of Inverter
DD motor reliability (German)



BAF
Allergen foundation -Steam power
(UK)



CES Innovation
Innovation award
(USA)



**Technical innovative
business award**
Most innovative product (Korea)



IF Design
Global best design award
(German)



Reddot Design
Global best design award
(German)



Good Design
Best design award
(Korea)

World's best "Eco friendly machines"



Water wise
Award for winning water saver
(UK)



Energy Star
Low energy consumption certification
(USA)



Energy Saving Recommended
Low energy consumption certification
(UK)



Green technology certification
Eco friend technology certification for 6
Motion (Korea)



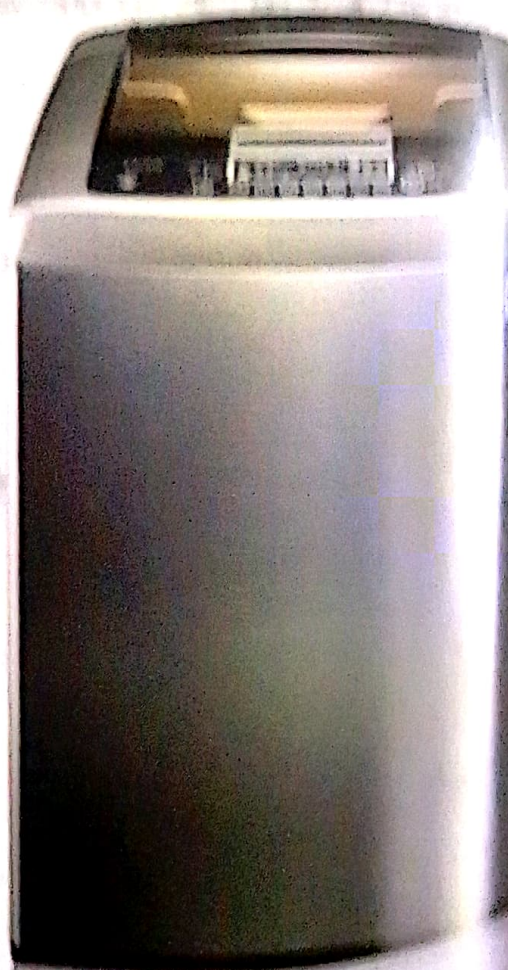
Low carbon print
Low carbon emission certification
(Korea)



TOP LOADER WASHING MACHINE

"The Ultimate SmartWasher"

TOP LOADER WASHING MACHINE



INVERTER DIRECT DRIVE MOTOR

At LG we understand the importance of having dependable appliances. That is why we provide a 10 Year Direct Drive warranty for the Inverter Direct Drive Motor. You are confident that the Inverter Direct Drive Motor System will perform efficiently and effectively throughout its life.

• Durability

Guaranteed with 10 year warranty

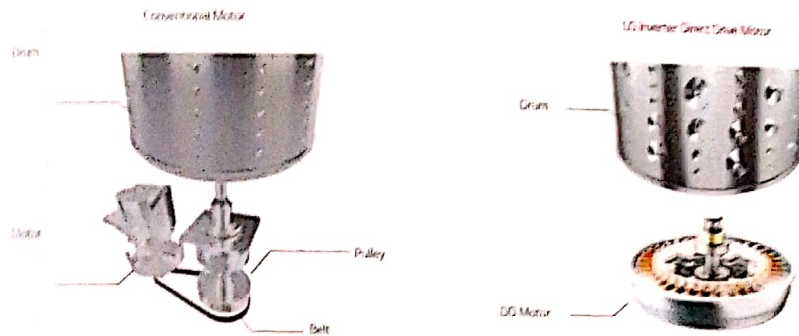
LG Direct Drive Washing Machine guarantees 10 year warranty on Inverter Direct Drive Motor due to superior quality and reliability. Learn why we're so confident.



INVERTER
Direct Drive



• Comparison between LG Inverter Direct Drive Motor with Conventional Motor



- Complex belt system
- Consistent low power, low spin speed
- Low durability with belt

- Direct Drive system without belt
- Variable high power, high spin speed
- High durability without belt

• Energy Saving

You can save water equivalent to 9 bottles of 1.5l each/cycle. (13.5l)



Water Saving **45%**

Tested by LG internal lab

You can save 540W electricity per a cycle. It's the amount you can watch TV for 5 hours.



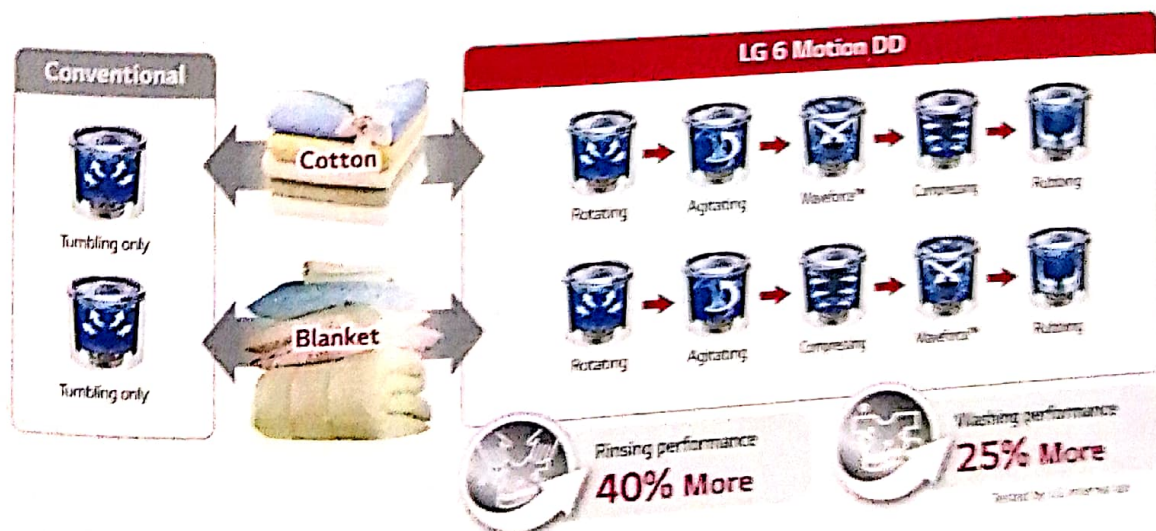
Electricity Saving **25%**

Tested by LG internal lab

• Optimal Washing

LG Inverter Direct Drive can realize 6 different types of motion named 6 Motion DD.

In conventional single-motion washing machine, it only tumbles whatever the fabric is. But in 6 Motion DD, you can make your own washing according to the type of fabric.





TOP LOADER WASHING MACHINE



Powerful Washing Performance with Gentle Fabric Care

MORE MOTION, BETTER CARE



Waveforce™

Gently removes dirt and stains from clothes using strong water currents



Compressing

Dissolve detergent with high-speed spinning & squeezing



Swing

Smooth wash for your delicate fabrics.



Rotating

The pulsator rotates in alternate directions to help untangle clothes.



Rubbing

Rubbing motion, efficiently scrubs off stains.



Agitating

Powerful current created by the agitating motion removes stubborn stains.

6 MOTION

6
MOTION DD

"Just One Hand Wash"

4 Wash System With All The Right Moves

DirectMotion Technology introduces a whole new way to care for clothes. The DirectDrive Motor precisely controls the action of the drum, allowing for up to 6 wash motions to create unique care cycles. The washer automatically combines different combinations of wash motions to best protect your clothes over a longer period of time.



TOP LOADER WASHING MACHINE

WASH MORE POWERFULLY EVEN HYGIENICALLY

MORE HYGINENIC TUB

'Full Stainless Steel Tub' + 'Auto Lint Cleaner'

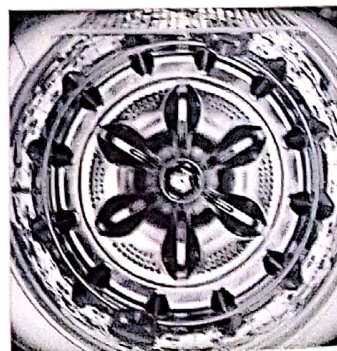
To remove the lint automatically without Filter in the drum.

- **Full Stainless Steel Tub**

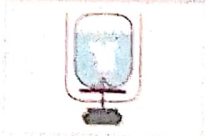
To remove the lint without inner filter it consist of Full STS & 1000 magic hole.

- **Auto Lint Clean Filter**

To prevent the reflux of lint between 'inner tub' and 'out tub'



Step 1) 6Motion Wash



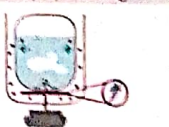
Wash by various movements
6Motion makes hard wash performance
Remove stain and clothes care

Step 2) Float and Release



Spin a tub right and left
See the tub lift and lift to
float lint and release

Step 3) Blocking



Prevents the back flow the lint
Auto clean filter blocks the lint to go into
the inner drum

Step 4) Water maelstrom drain



Drum and pulley move water maelstrom and
completely drain lint on the Auto clean filter

HEALTH + FILTER

LG's Lint Filter is coated with anti-bacterial material for a more hygienic wash. Simple to clear and durable, it also has a better filtration rate than other brands.

JET SPRAY

A nozzle located above the inner tub sprays water evenly onto the laundry during the rinse cycle. By supplying water evenly this helps to get optimal rinsing results.



Laundry machines Update your Smart Life

AUTO RESTART

In suspended washing stage in case of sudden stop such as supply problem of electricity. So, it can re-start washing stage at moment of stop.



DIAMOND GLASS

Static Strength



Withstanding 300kg load



Dynamic Strength



Withstanding 3kg of load from 1m high



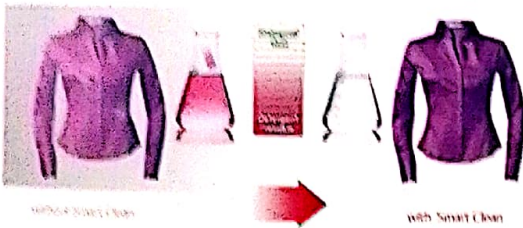
Hardness



Moist Hardness 5.5-6.5 with standing normal steel (class 5.5-6.5 Steel)

SENSOR

1. Sensor works to remove any detergent residue.
2. It automatically detect any detergent residue and adjusts the washing program to ensure the clothes are detergent free.



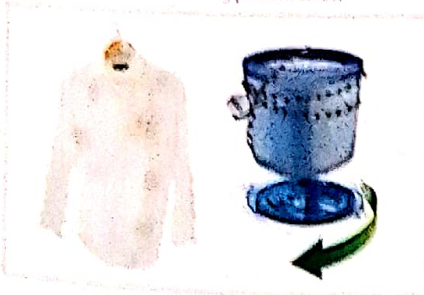
WITHOUT SMART CLEAN

with Smart Clean



TURBO DRUM

Unlike other brands, where only the pulsator rotates, Turbo Drum features a rotating pulsator and a spinning drum, which offers superior cleaning performance.



COMMON DRUM

Only pulsator is spinning
Less powerful and only clothes in the bottom will be cleaned



IN TURBODRUM

Both pulsator & drum are spinning
More powerful washing with squeezing effect

PUNCH+3

Three punches creates strong water stream which will help cleaning. And also it will prevent from clothes tangling.



Water jet punches and strong washing the clothes that helps the clothes to the center of the drum



The 3 punches create a strong current which hit the clothes



The water flow spreads out the clothes for even cleaning



T1504DPE



FEATURE

- Inverter Direct Drive Motor
- AllMotion Technology
- 15 hours Durability on Inverter Direct Drive Motor
- Smart Cleaning™ by Sensor
- SmartDiagnosis™ with Self-Spining System
- Energy-Save control
- 13.5 Lopping
- Full Stainless Steel Tub
- Auto Lock Power-Block
- Child Lock
- QuietNet Sound Guard
- Air Dry
- Delay start: 3-48hr
- Auto Sensor, 3.5kg Dry
- Self-Spining System
- SmartDry Sensor Dry
- Smart Diagnosis™

DIMENSIONS (W x D x H)
620 x 550 x 1020 mm

COLOR
Stainless Steel



T1304DPE



FEATURE

- Inverter Direct Drive Motor
- AllMotion Technology
- 15 hours Durability on Inverter Direct Drive Motor
- Smart Cleaning™ by Sensor
- SmartDiagnosis™ with Self-Spining System
- Energy-Save control
- 13.5 Lopping
- Full Stainless Steel Tub
- Auto Lock Power-Block
- Child Lock
- QuietNet Sound Guard
- Air Dry
- Delay start: 3-48hr
- Auto Sensor, 3.5kg Dry
- Self-Spining System
- SmartDry Sensor Dry
- Smart Diagnosis™

DIMENSIONS (W x D x H)
560 x 550 x 910 mm

COLOR
Stainless Steel



WF-T1004TP

FEATURE

- Inverter Direct Drive Motor
- Smart Cleaning™ by Sensor
- Smart Filter
- Energy-Save control
- 13.5 Lopping
- QuietNet Sound Guard
- Air Dry
- Child Lock
- 3.5kg Dry
- Delay start: 3-48hr
- Auto Sensor
- Smart Diagnosis™

DIMENSIONS (W x D x H)
560 x 550 x 850 mm

COLOR
Stainless Steel



WF-T8004

FEATURE

- Inverter Direct Drive Motor
- Smart Cleaning™ by Sensor
- Smart Filter
- Energy-Save control
- 13.5 Lopping
- QuietNet Sound Guard
- Air Dry
- Child Lock
- 3.5kg Dry
- Delay start: 3-48hr
- Auto Sensor
- Smart Diagnosis™

DIMENSIONS (W x D x H)
540 x 550 x 850 mm

COLOR
Stainless Steel



T700SA13P

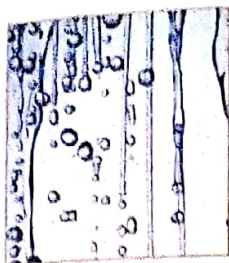
FEATURE

- Inverter Direct Drive Motor
- Smart Filter
- Energy-Save control
- 13.5 Lopping
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560 x 550 x 850 mm

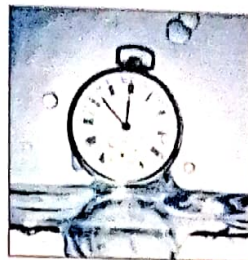
COLOR
Stainless Steel





Fuzzy

The course automatically selects the most appropriate condition by detecting wash load.



Quick wash

For lightly soiled clothes under 2kg.



Tub Clean

To sterilize the inner and outer tub for preventing unpleasant smell of tub.



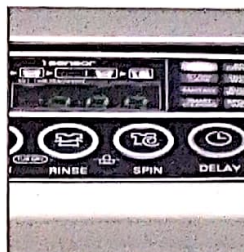
Jeans

Use when washing jeans of different sizes.



Wool

For washing delicate fabrics such as lingerie and woolens.



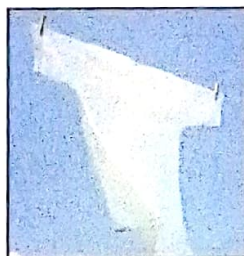
Favorite

Set your own program with additional options and save to favorites for use at a later time.



Silent

To wash quietly especially during night and dawn by reducing noise while maintaining washing performance.



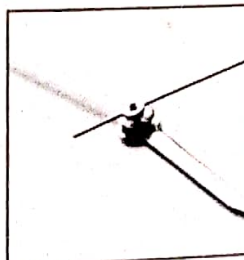
Air Dry

To keep inner tub from getting moldy and to reduce drying time by minimizing moisture of laundry.



Smart Cleaning™

If you want 99.9% detergent free washing even when you put more detergent.



Delay

DELAY START (RESERVATION)
Wash is used to delay the finishing time of the operation. The hours to be delayed can be set by the user accordingly.
The time on the display is the finishing time, not the start time.



Child lock

If you want to lock all the keys to prevent settings from being changed by a child, you can use the child lock option.

